



Customer Number 22444

FORM PTO-1449
US Department of Commerce
Patent and Trademark OfficeDocket Number
8571:88Serial Number
10/010,506**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use Several Sheets if Necessary)Filing Date
November 13, 2001Group Art Unit
2872**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	X	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QIA		4,752,455	06/21/88	Mayer, Frederick J.	B23K	9/00	05/27/86
GA		4,950,644	08/21/90	Schultz, L. et al.	H01L	39/12	01/26/89
GA		5,039,656	08/13/91	Hidaka, Yasuharu	G11C	11/44	02/28/89
GA		5,085,166	02/04/92	Oka, K. et al.	G23C	14/24	05/07/90
GA		5,169,608	12/08/92	Watabe, S. et al.	B01D	9/00	09/25/90
GA		5,364,607	11/15/94	Tebbe, Frederick N. et al.	C01B	6/15	09/08/89
GA		5,372,089	12/13/94	Yoshida, Noriyuki et al.	C30B	25/02	07/26/93
GA		5,387,443	02/07/95	Nobuhiro, Ota et al.	427	586	07/08/93
GA		5,468,806	11/21/95	Yamamoto, Kiyoshi et al.	C30B	25/16	12/01/94
GA		5,496,595	03/05/96	Ueda, Hideyuki et al.	H05H	1/24	10/19/94
GA		5,539,567	07/23/96	Lin, Tsen-Hwang et al.	G02F	1/09	06/16/94
GA		5,578,350	11/26/96	Mai, Hermann et al.	C23C	14/30	06/07/95
GA		5,650,378	07/22/97	Iijima, Yasuhiro et al.	B05D	5/12	08/03/95
GA		5,672,211	09/30/97	Mai, Hermann et al.	C23C	14/00	08/02/96
GA		5,759,265	06/02/98	Nashimoto, K. et al.	C30B	23/02	05/03/95
GA		5,786,023	07/28/98	Maxwell, James L. et al.	C23C	8/00	02/13/96
GA		6,054,226	04/25/00	Takeda, Hideki et al.	G11B	5/66	12/23/97
GA		6,113,701	09/05/00	Yamazaki, Shunpei	C23C	16/00	03/31/94
GA		6,312,134	11/06/01	Jain, Kanti et al.	G02B	7/182	01/23/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
GA		WO 01/79935 A1	04/10/01	PCT	G03F	7/20		X
								X

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Alessandro V. Amari

DATE CONSIDERED

5/19/03

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL	X	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
av	A1	4,333,165	06/01/82	Swainson, et al.	365	120	12/01/77
av	A2	5,497,254	03/05/96	Amako, et al.	359	53	12/20/94
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						

FOREIGN PATENT DOCUMENTS

	X	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B1							X
	B2							X
	B3							X
	B4							X

**OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)**

av	C1	International Search Report mailed November 27, 2002 from the European Patent Office - 7 pages
	C2	
	C3	
	C4	
	C5	
	C6	
	C7	

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Alexander V. Armani

DATE CONSIDERED

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